



Image may be representation.
See specifications for product details.



PIC16F15344-I/SS

Manufacturer Part Number **PIC16F15344-I/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC16F15344-I/SS**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 8BIT 7KB FLASH 20SSOP**

Package **20-SSOP (0.209", 5.30mm Width)**

Data sheet **[PIC16\(L\)F153xx Product Brief.pdf](#)**

[PIC16\(L\)F15324,44 Datasheet.pdf](#)

[PIC16\(L\)F153xx Programming Specification.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC16F15344-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F15344-I/SS datasheet/specifications on AllelcoElec.com.
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Specifications

PIC16F15344-I/SS Tech Specifications

PIC16F15344-I/SS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	20-SSOP	Number of I/O	18
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	512 x 8	Data Converters	A/D 17x10b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	7KB (4K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	20-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16F15344
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F15344-I/SS

Product Attribute				
Part Number	PIC16F15344-I/SS	PIC16F15345-I/SS	PIC16F15344-E/SS	PIC16F15344T-E/SSVAO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	Automotive, AEC-Q100, PIC® 16F
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Speed	32MHz	32MHz	32MHz	32MHz
Base Product Number	PIC16F15344	PIC16F15345	PIC16F15344	PIC16F15344
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	18	18	18	18
EEPROM Size	-	-	-	-
Core Processor	PIC	PIC	PIC	PIC
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	20-SSOP	20-SSOP	20-SSOP	20-SSOP
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package	Tube	Tube	Tube	Tape & Reel (TR)
RAM Size	512 x 8	1K x 8	512 x 8	512 x 8
Program Memory Size	7KB (4K x 14)	14KB (8K x 14)	7KB (4K x 14)	7KB (4K x 14)
Data Converters	A/D 17x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b

PIC16F15344-I/SS Datasheet PDF

Download PIC16F15344-I/SS pdf datasheets and Microchip Technology documentation for PIC16F15344-I/SS - Microchip Technology.

Datasheets

[PIC16\(L\)F153xx Product Brief.pdf](#)





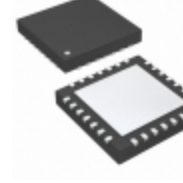
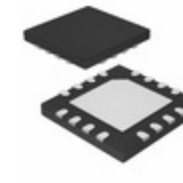
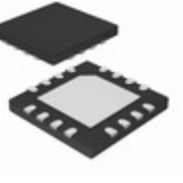
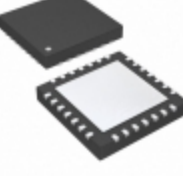


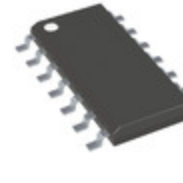



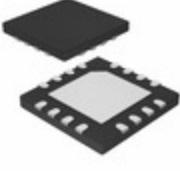

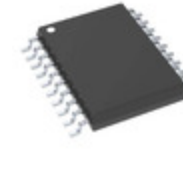

[PIC16\(L\)F15324,44 Datasheet.pdf](#)

[PIC16\(L\)F153xx Programming Specification.pdf](#)

PCN Design/Specification

Customers Also Interested in

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PIC16F15325T-I/JQ Microchip Technology IC MCU 8BIT 14KB FLASH 16UQFN	PIC16F15354-E/ML Microchip Technology IC MCU 8BIT 7KB FLASH 28QFN	PIC16F15344T-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 20SSOP	PIC16F15324T-I/ST Microchip Technology IC MCU 8BIT 7KB FLASH 14TSSOP	PIC16F15325-I/SL Microchip Technology IC MCU 8BIT 14KB FLASH 14SOIC	PIC16F15345T-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP
					
PIC16F15324T-E/SLVAO Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	PIC16F15324T-E/STVAO Microchip Technology IC MCU 8BIT 7KB FLASH 14TSSOP	PIC16F15325-I/JQ Microchip Technology IC MCU 8BIT 14KB FLASH 16UQFN	PIC16F15324T-I/SL Microchip Technology IC MCU 8BIT 7KB FLASH 14SOIC	PIC16F15345T-E/SSVAO Microchip Technology IC MCU 8BIT 14KB FLASH 20SSOP	PIC16F15325T-I/SL Microchip Technology IC MCU 8BIT 14KB FLASH 14SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
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